



PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/607,962		
		Filing Date	June 27, 2003		
		First Named Inventor	Klosterman, et al.		
		Art Unit	3762		
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	AB-233U2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
MS	A1	US-4,561,443	12-31-1985	Hogrefe, et al.	
	A2	US-5,193,539	03-16-1993	Schulman, et al.	
	A3	US-5,193,540	03-16-1993	Schulman, et al.	
	A4	US-5,312,439	05-17-1994	Loeb	
	A5	US-5,405,367	04-11-1995	Schulman, et al.	
	A6	US-5,571,148	11-05-1996	Loeb, et al.	
	A7	US-5,750,926	05-12-1998	Schulman, et al.	
	A8	US-5,807,397	09-15-1998	Barreras	
	A9	US-6,051,017	04-18-2000	Loeb, et al.	
	A10	US-6,061,596	05-09-2000	Richmond, et al.	
	A11	US-6,073,050	06-06-2000	Griffith	
	A12	US-6,131,581	10-17-2000	Leysieffer, et al.	
	A13	US-6,164,284	12-26-2000	Schulman, et al.	
	A14	US-6,175,764-B1	01-16-2001	Loeb, et al.	
	A15	US-6,181,965-B1	01-30-2001	Loeb, et al.	
	A16	US-6,185,452-B1	02-06-2001	Schulman, et al.	
	A17	US-6,185,455-B1	02-06-2001	Loeb, et al.	
	A18	US-6,208,894-B1	03-27-2001	Schulman, et al.	
	A19	US-6,214,032-B1	04-10-2001	Loeb, et al.	
	A20	US-6,259,937-B1	07-10-2001	Schulman, et al.	
	A21	US-6,280,873-B1	08-28-2001	Tsakamoto	
	A22	US-6,315,721-B2	11-13-2001	Schulman, et al.	
	A23	US-6,458,171-B1	10-01-2002	Tsakamoto	
	A24	US-6,516,227-B1	02-04-2003	Meadows, et al.	
	A25	US-6,553,263-B1	04-22-2003	Meadows, et al.	
	A26	US-6,567,703-B1	05-20-2003	Thompson, et al.	
	A27	US-6,582,441-B1	06-24-2003	He, et al.	
	A28	US-6,631,296-B1	10-07-2003	Parramon, et al.	
	A29	US-2001/0046625-A1	11-29-2001	Ruth, II et al.	
MS	A30	US-2001/0053476-A1	12-20-2001	Ruth, et al.	
	A31	US-2002/0161403-A1	10-31-2002	Meadows, et al.	

Examiner Signature	<i>Mark Beckel</i>	Date Considered	9-28-06
-----------------------	--------------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.  
<sup>1</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>2</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>4</sup> Applicant is to place a check mark here if English language Translation is attached.  
Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/607,962
		Filing Date	June 27, 2003
		First Named Inventor	Klosterman, et al.
		Group Art Unit	3762
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	AB-233U2

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	-Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
MB	A32	WO-97/18857-A1		05-29-1997	Richmond, et al.		
	A33	WO-00/01320-A2		01-13-2000	Loeb, et al.		
	A34	WO-00/01320-A3		01-13-2000	Loeb, et al.		
MB	A35	WO-01/82398-A1		11-01-2001	Tsukamoto, et al.		
	A36	WO-03/005465-A1		01-16-2003	Tsukamoto, et al.		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MB	A37	CAMERON, et al., "Micromodular Implants to Provide Electrical Stimulation of Paralyzed Muscles and Limbs", IEEE Transactions on Biomedical Engineering, Vol. 44, No. 9, (Sept. 1997), pages 781-790.	
	A38	LOEB, et al., "North Sea: Transducers and Electrodes - Injectable Microstimulator for Functional Electrical Stimulation", Med. & Biol. Eng. & Computer, North Sea Special Feature, 29 (Nov. 1991), pages NS13-NS19.	
MB	A39	LOEB, et al., "BION™ Bionic Neurons for Functional and Therapeutic Electrical Stimulation", 20 <sup>th</sup> Annual International Conference of IEEE Engineering in Medicine and Biology "Biomedical Engineering Towards the Year 2000 and Beyond", October 29-November 1, (1998), Hong Kong, 5 pages.	
OTHER PRIOR ART - RELATED APPLICATIONS			
MB	A40	PARRAMON and MARNFELDT inventors for AB-172U; U.S. Patent Application Serial No. 10/133,766; filed April 26, 2002; entitled "RF-Energy Modulation System Through Dynamic Coil Detuning".	

Examiner Signature	<i>Mark Bruch</i>	Date Considered	9-28-06
-----------------------	-------------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.  
<sup>2</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.  
 Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

Application Number	10607962
Filing Date	2003-06-27
First Named Inventor	Daniel Klosterman et al.
Art Unit	3766
Examiner Name	Mark Bockelman
Attorney Docket Number	AB-233U2

## **U.S. PATENTS**

[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)

## **U.S. PATENT APPLICATION PUBLICATIONS**

[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)

## **FOREIGN PATENT DOCUMENTS**

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
MB	1	01/60450	WO		2001-08-23	Paul Meadows et al.		<input type="checkbox"/>
MB	2	02/09808	WO		2002-02-07	Paul Meadows et al.		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

[Add](#)

## **NON-PATENT LITERATURE DOCUMENTS**

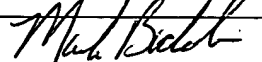
[Remove](#)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10607962
	Filing Date		2003-06-27
	First Named Inventor	Daniel Klosterman et al.	
	Art Unit	3766	
	Examiner Name	Mark Bockelman	
	Attorney Docket Number	AB-233U2	

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	<hr/>	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	9-28-06
--------------------	-----------------------------------------------------------------------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.